

**81.** The method of claim **80**, wherein the IL-1 $\alpha$  gene is a human IL-1 $\alpha$  gene.

**82.** The method of claim **66**, wherein the crRNA sequence is complementary to a target sequence the IL-1 $\beta$  gene.

**83.** The method of claim **82**, wherein the target sequence is in exon 4 of the IL-1 $\beta$  gene.

**84.** The method of claim **83**, wherein the IL-1 $\beta$  gene is a human IL-1 $\beta$  gene.

**85.** method of claim **66**, wherein the crRNA sequence is selected from the group consisting of SEQ ID NOs: 21-34.

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